

Form PTO-1449 (REV. 8-83) INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		US DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 124052	APPLICATION NO. 10/536,456
		APPLICANT Hironori OKADO		
		FILING DATE June 2, 2005		

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
ce	1) 10/654,432	09/04/2003	OKADO		
ce	2) 10/655,304	09/05/2003	OKADO		
ce	3) 10/657,108	09/09/2003	OKADO		
ce	4) 10/667,347	09/23/2003	OKADO		
ce	5) US 2003/0020668 A1	01/30/2003	PETERSON	343	846
ce	6) 5,872,546	02/16/1999	IHARA et al.	343	795
ce	7) US 2002/0122010 A1	09/05/2002	McCORKLE	343	767
ce	8) US 6,351,246 B1	02/26/2002	McCORKLE	343	795
ce	9) US 6,515,626 B2	02/04/2003	BARK et al.	343	700MS
ce	10) US 6,720,924 B2	04/13/2004	TOMOMATSU et al.	343	700MS
ce	11) US 2003/0034920 A1	02/20/2003	LEE	343	700MS
ce	12) 6,133,879	10/17/2000	GRANGEAT et al.	343	700MS
ce	13) US 2003/0156064 A1	08/21/2003	BANCROFT et al.	343	700MS
ce	14) US 6,603,429 B1	08/05/2003	BANCROFT et al.	343	700MS
ce	15) US 6,707,427 B2	03/16/2004	KONISHI et al.	343	700MS
ce	16) 6,046,703	04/04/2000	WANG et al.	343	795
ce	17) US 6,762,723 B2	07/13/2004	NALLO et al.	343	700MS
ce	18) US 6,747,605 B2	06/08/2004	LEBARIC et al.	343	795
ce	19) US 2002/0015000 A1	02/07/2002	REECE et al.	343	795
ce	20) US 6,259,416 B1	07/10/2001	QI et al.	343	767
ce	21) 4,605,012	08/12/1986	RINGEISEN et al.	607	155
ce	22) 4,151,532	04/24/1979	KALOI	343	700MS
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S. L. - 6/14/06

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	APPLICANT Hironori OKADO	
	FILING DATE June 2, 2005	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
cc	33) EP 1 198 027 A1	04/17/2002	EUROPE		
cc	34) JP U 3008389 w/ abstract	12/21/1994	JAPAN		
cc	35) JPA 2001-156532 w/ abst. & trans	06/08/2001	JAPAN		
cc	36) JPA 2001-203529 w/ abst. & trans	07/27/2001	JAPAN		
cc	37) JPA 2002-319811 w/ abst. & trans	10/31/2002	JAPAN		
cc	38) JPA 11-27026 w/ abstract & trans	01/29/1999	JAPAN		
cc	39) JP U 5-76109 w/ abstract	10/15/1993	JAPAN		
cc	40) JPA 2001-217632 w/ abst. & trans	08/10/2001	JAPAN		
cc	41) JP 31-709	1/31/1921	JAPAN		
cc	42) JPA 55-4109 w/ abstract	01/12/1980	JAPAN		
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cc	46) JPA 2001-203521 w/ abst. & trans	07/27/2001	JAPAN		
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cc	48) JPA 2002-190706	07/05/2002	JAPAN		

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cc	49)	Honda et al., "Improved Input Impedance of Circular Disc Monopole Antenna," Spring National Convention of The Institute of Electronics, Information and Communication Engineers, pp. 2-131, 1992
	50)	Ihara et al., "Broadband Characteristics of Semi-Circular Antenna Combined with Linear Element," General Convention of The Institute of Electronics, Information and Communication Engineers, pp. 77, 1996
cc	51)	Ihara et al., "A Small Broadband Antenna with Rounded Semi-Circular Element," Society Conference of The Institute of Electronics, Information and Communication Engineers, pp. 78, 1996
	52)	Honda, "Wideband Monopole Antenna of Circular Disc," ITBJ Technical Report, Vol. 15, No., 59, pp. 25-30, October 1991

EXAMINER	shib-tho ch	DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



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Form PTO-1449 (REV. 8-83) US Dept. of Commerce PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			ATTY DOCKET NO. 124052		APPLICATION NO. 10/536,456		
			APPLICANT Hironori OKADO				
			FILING DATE June 2, 2005		GROUP 2821		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
<i>ca</i>	1)	5,255,002	10/19/1993	DAY		343	713
<i>ca</i>	2)	US 6,452,548 B2	09/17/2002	NAGUMO et al.		343	700MS
<i>ce</i>	3)	US 2002/0026586 A1	02/28/2002	ITO		713	183
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		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
<i>ce</i>	5)	JP A 6-291530 w/ abstract	10/18/1994	JAPAN			
<i>ce</i>	6)	JP A 2002-100915 w/ abstract	04/05/2002	JAPAN			
<i>ce</i>	7)	JP A 2002-171126 w/ abst. & trans	06/14/2002	JAPAN			
<i>ce</i>	8)	JP A 2002-252515 w/ abstract	09/06/2002	JAPAN			
<i>ca</i>	9)	JP A 2000-183789 w/ abstract	06/30/2000	JAPAN			
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EXAMINER <i>Shih-hsiao CL</i>				DATE CONSIDERED <i>6/14/06</i>			
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 124052	APPLICATION NO. 10/536,456	
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				FILING DATE June 2, 2005	GROUP 2821	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
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<i>ce</i>	2	6,768,461 B2	7/27/2004	Huebner et al	343	700M15
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<i>ce</i>	5	JP U 5-82122 w/Abstr & Trans	5/11/1993	Japan		
<i>ce</i>	6	EP 831548 A2	3/25/1998	Europe		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER <i>Shih-chen</i>				DATE CONSIDERED <i>6/14/06</i>		
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U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number	Date	Name				
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation		
<i>ce</i>	1	JP A 05-063425	03-12-1993	JAPAN	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
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Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)						
<i>ce</i>	2	Kraus; "Antennas" 2 nd edition 1988; McGraw-Hill; pp. 723-725						
<i>ce</i>	3	Electronic Information Communication Institution; "Antenna Engineering Handbook"; October 1980; p. 128						
<i>ce</i>	4	Kraus; "Antennas" 2 nd edition 1988; McGraw-Hill; pp. 346-347						
EXAMINER <i>shih-chao chen</i>							DATE CONSIDERED <i>6/14/06</i>	
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Date: April 10, 2006